

CONFORT PLUS

Tile Adhesive Mortar - C2TE



PRODUCT DESCRIPTION

Enhanced, slip-resistant cement-based tile adhesive mortar with extended open time, designed for installing ceramic tiles on new and existing interior and exterior floors and walls.

FIELDS OF APPLICATION

Nature of Coating: Non-porous ceramic tiles, including porcelain stoneware, mosaics, and natural stones of all porosities.

Maximum Format: 3600 cm²

Recommendation:

Primarily recommended for exterior walls.

Limitations of Use:

- Smooth concrete (requires assessment of substrate absorption).
- Plaster substrates, special substrates (metal, polyester, wood)
- Underfloor heating systems.

PRODUCT CHARACTERISTICS & PERFORMANCE

Application Characteristics:

Water-to-Powder Ratio	Approx. 25%
Mixing Time	Approx. 3 minutes
Maturation Time	Approx. 5 minutes
Open Time	Approx. 30 minutes
Practical Usage Duration	Approx. 3 hours
Time Before Grouting	Minimum 24 hours
Accessibility	24 to 48 hours after grouting



Packaging :

25 kg bag.

APPLICATION

Substrate Preparation:

- Substrates must be clean, sound, and solid (cement-based substrates must not exude moisture).
- Concrete slabs must be at least 1 month old, cement screeds at least 15 days old, and cement renders at least 48 hours old.
- In hot or windy conditions, moisten substrates a few hours before application.
- Cellular concrete substrates must be moistened before applying the mortar.

Product Preparation:

- In a container with Approx. 6.25 liters of clean water, pour a 25 kg bag of SOFAPCOL CONFORT PLUS while mixing until a homogeneous mixture is obtained (preferably use an electric mixer).
- Let the mixture rest for a few minutes, then mix again before application.

Application:



- Apply the adhesive mortar to the substrate with a trowel, then adjust the adhesive thickness using a notched spatula suited to the tile size and texture.
- In certain cases, use double gluing (refer to DTU 52.2).

PRODUCT ADVANTAGES

- Ready to mix.
- Enhanced mortar.
- Slip-resistant for tiles.
- Extended open time.
- Suitable for new and existing substrates.

Colors:

- White.
- Gray.

Composition:

- Hydraulic binder, mineral fillers, and additives.

Storage :

- 12 months in original sealed packaging, stored away from moisture.

Normative Characteristics according to EN 12004:

Initial Tensile Adhesion	≥ 1N/mm ²
Tensile Adhesion After Heat Exposure	≥ 1N/mm ²
Tensile Adhesion After Water Immersion	≥ 1N/mm ²
Tensile Adhesion After Freeze-Thaw Cycles	≥ 1N/mm ²
Tensile Adhesion After Extended Open Time (E)	≥ 0.5N/mm ²
Slip (T)	≤ 0.5mm

All values indicated in this technical data sheet are based on laboratory tests. They may be significantly modified by application conditions.



Consumption :

Depending on adhesive thickness.
Around 2 Kg/ m² per 1 mm thickness.

Note: Adhesive thickness depends on substrate condition, tile size and notched spatula.

Application Temperature: Between 5°C and 35°C.

Recommendation:

- Do not spread adhesive over large areas (beyond 2 m²) to avoid exceeding the open time.
- Avoid application during freezing conditions, extreme heat, rain, or direct sunlight.

LEGAL NOTICE

• The technical characteristic values are average statistical values and may be updated without notice. This document is non-contractual, and no responsibility is accepted for damage resulting from improper use.

REFERENCE DOCUMENTS

- NF EN 12004 - DTU 52.1 - DTU 52.2
- CSTB Report "DSR - S - 24 - 19422 - CE/4"
- CSTB Report "DSR - S - 24 - 19422 - CE/5"

For more information, refer to DTU 52.2 and/or the SOFAPCOL selection guide.